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FACSIMILE COVER SHEET

TO: Andre Boyce, Examiner  
USPTO - 571-273-8300

FROM: Frederick A. Spaeth

SUBJECT: Application No.: 10/822,103  
Date Filed: 04/12/2004  
Applicant: Charles F. Irwin  
Supplemental Response  
Our Ref.: 103-3

DATE: 12/7/2010

NUMBER OF PAGES: 14

Please see attached Supplemental Response.

Thank you.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).FEE TRANSMITTAL  
For FY 2009 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

282.00

## Complete If Known

Application Number	10/822,103
Filing Date	04/12/2004
First Named Inventor	Charles F. Irwin
Examiner Name	Boyce, Andre D.
Art Unit	3623
Attorney Docket No.	103-3

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)  Fee (\$)  
52  Fee (\$)  
26Each independent claim over 3 (including Reissues)  Fee (\$)  
220  Fee (\$)  
110Multiple dependent claims  Fee (\$)  
390  Fee (\$)  
195

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
32	11	26	282.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3	1	26	282.00

HP = highest number of independent claims paid for, if greater than 3.

Small Entity	
Fee (\$)	Fee (\$)
52	26
220	110
390	195

Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
100	1	/ 50 =	(round up to a whole number) x	=

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

Other (e.g., late filing surcharge): \_\_\_\_\_

Fee Paid (\$)

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 33,793	Telephone 203-220-8496
Name (Print/Type)	Frederick A. Spaeth		Date 12/7/2010

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